

Yurasov, V. F. CEREBRAL AND VISCERAL TEMPERATURE REACTIONS TO COOLING OF DIFFERENT PARTS OF THE CENTRAL NERVOUS SYSTEM. [1962] [28]p. 34 refs. FASEB manuscript no. S 9-2. Order from OTS or SLA \$2.60 Trans. of <u>Fiziologicheskii Zhurnal SSSR</u> , 1962, v. 48, no. 4, p. 413-421. DESCRIPTORS: *Hypothermia, Adaptation (Physiology), *Brain, Spinal cord, Cerebral cortex, *Body temperature, Nervous system. Regardless of the place where the CNS is cooled, and other things being equal, the temperature drop is most pronounced and rapid on the upper level of the brain (cortex), less so in the middle level and least of all in the lower level. The temperature reactions of the viscera vary with the region cooled, and the reactions (Biological Sciences--Physiology, TT, v. 9, no. 10)(over)	63-15427 I. Title: Viscera I. Yurasov, V. F. II. FASEB S-9-2 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C. Office of Technical Services
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RESPIRATION AT HIGHER PRESSURES AND OXYGEN TENSION
IN BRAIN TISSUES, BY YE. A. KOVALENKO,
F. V. BABCHINSKIY, 10 PP.

RUSSIAN, PER, FIZIOL ZHUR SSSR IMENI I. M. SECHENOVA,
VOL XLVIII, NO 4, 1962, PP 449-454. 9678225

FTD-TT-62-962

NIH q- 22-63

SCI - MED
11 OCT 62

212,330

Functional Changes in an Organism as a Result
of Breathing a High Oxygen-Low Carbon Dioxide
Gas Mixture for Many Hours at Rest and During
Exercise, by S. A. Brandis, V. M. Pilovitskaya.
18 pp.

RUSSIAN, per, Fiz Zhur SSSR, VOL XLVIII, NO 4,
1962, pp 455-463. 9680007

FTP-TT-62-1176

EX-67-7157

Sci-M Biol & Med Sci
Apr 63

Shilling, N. V.
BIOELECTRICAL ACTIVITY IN DIFFERENT PARTS
OF THE RABBIT'S NERVOUS SYSTEM IN RESPONSE
TO STIMULATION OF THE VISUAL ANALYSOR.
[1962] [14]P. 15 rcfb. FASEB manuscript no. S 359-2.
Order from OTS or SLA \$1.60 63-19019

Trans. of #Fiziologicheskii Zhurnal SSSR, 1962, v. 48,
no. 5, p. 587-592.

DESCRIPTORS: *Bioelectronics, *Nervous system,
Rabbits, Stimulation, Reaction (Psychology),
Brain, Visual perception, *Analyzers (Psychology),
*Vision, Autonomic nervous system

Recordings of the electric activity in the occipital cortex, the hypothalamic region, the cerebellum and the upper cervical sympathetic ganglion under the influence of a flicker stimulus have shown that all the parts of the nervous system are involved in the response reaction (Biological Sciences--Physiology, TT, v. 9, no. 10)
(over)

- U.S.-19019
- I. Shilling, N. V.
 - II. FASEB S-359-2
 - III. Federation of American Societies for Experimental Biology, Washington, D. C.
 - IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Sergievskii, M. V. and Ivanov, Yu. N.
ON THE PROBLEM OF SLEEP (EXPERIMENTS ON
ANIMALS DEPRIVED OF THE THREE PAIRS OF
DISTANCE RECEPTORS/L.B., VISION, HEARING
AND SMELL/). [1963] [32]p. 22 refs. FASEB manu-
script no. S 86-3.
Order from OTS or SLA \$3.60 63-19356

Trans. of *Fiziologicheskiy Zhurnal SSSR*, 1962,
v. 48, no. 6, p. 646-653.

DESCRIPTORS: *Sleep, Laboratory animals, Sensory
mechanisms, *Vision, *Hearing, *Smell, Sensitivity,
Reflexes, Respiratory system, Cardiovascular sys-
tem, *Brain, Morphology, Stimulation, Skin,
Bioelectronics, Surgery, Caffeine, Cerebral cortex.

(Biological Sciences--Physiology, TT, v. 10, no. 5)

63-19356

- I. Sergievskii, M. V.
- II. Ivanov, Yu. N.
- III. Title: Experiments...
- IV. FASEB S-86-3
- V. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- VI. Scripta Technica, Inc.
Washington, D. C.

Office of Technical Services

<p>Taranenko, A. G. THE EFFECT OF THYROID GLAND ON THE CASEIN CONTENT OF THE MILK AND ON ITS AMINO ACID COMPOSITION. [1962] [13]p. 14 refs. FASEB manuscript no. S 243-2. Order from OTS or SLA \$1.60 63-19011</p> <p>Trans. of <u>Fiziologicheskii Zhurnal SSSR</u>, 1962, v. 48, no. 6, p. 742-747.</p> <p>DESCRIPTORS: *Thyroid gland, *Casein, *Milk, *Amino acids, Fats, *Mammary glands, Iodine, *Diet.</p> <p>Experiments were performed on 5 lactating goats to determine the effect of thyroid hormone thyroxin and of efferent innervation of the mammary gland on the content of fat and casein in milk and on the amino-acid composition of casein. The goats were fed iodinated casein which resulted in an increased fat content and a (Biological Sciences--Physiology, TT, v. 10, no. 6) (over)</p>	<p>63-19011</p> <p>I. Taranenko, A. G. II. FASEB S-243-2 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p style="text-align: center;">Office of Technical Services</p>
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Afar, Ya. M. and Rogozkin, V. A.
THE EFFECT OF CASEIN HYDROLYZATE ON
CARBOHYDRATE-PHOSPHORUS METABOLISM
DURING PROLONGED PHYSICAL EFFORT. [1962]
[15]p. 9 refs. FASEB manuscript no. S 245-2.
Order from OTS or SLA \$1.60 63-19012

Trans. of #Fiziologicheskii Zhurnal SSSR, 1962,
v. 48, no. 6, p. 754-759.

DESCRIPTORS: *Casein, Carbohydrates, Phosphates,
Adenosine phosphates, Phosphorus, *Metabolism,
Exercise, *Muscles, Lactic acid, Glucose.

A commercial casein was hydrolyzed with 6N HCl
for 12 hours. The resulting hydrolyzate contained
13.4% nitrogen or 85% of the nitrogen in casein,
0.28% phosphorus and all 18 amino acids in casein.
Albino rats were made to swim in water at 30 to 32° for 5
(Biological Sciences--Biochemistry, TT, v. 10, no. 7)
(over)

63-19012

- I. Afar, Ya. M.
- II. Rogozkin, V. A.
- III. FASEB S-245-2
- IV. Federation of American
Societies for
Experimental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Klimova-Cherkasova, V. L.
CHANGES IN AUTONOMIC TONE AFTER STIMULATION AND INJURY OF VARIOUS BRAIN STEM SITES.
[1962] [17]p. 20 refs. FASEB manuscript no. S 267-2.
Order from OTS or SLA \$1.60 63-19020

Trans. of #Fiziologicheskii Zhurnal SSSR, 1962, v. 48,
no. 7, p. 813-822.

DESCRIPTORS: *Autonomic nervous system, *Brain,
*Hypothalamus, *Thalamus, Stimulation, Injuries,
Heart, *Epinephrine, *Chlorpromazine,

Various regions of the brain were stimulated or injured
to study the extent to which various levels of the reticular
formation participate in the regulation of vagal
tone in unanesthetized animals with species differences
in the parasympathetic effects on the heart. Stimula-
tion for 10 to 20 seconds of the hypothalamus and the
(Biological Sciences--Physiology, TT, v. 10, no. 6)
(over)

63-19020

- I. Klimova-Cherkasova,
V. I.
- II. FASEB S-267-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Panardzhyan, V. V.
INTERACTION OF AFFERENT SYSTEMS OF THE
CEREBELLUM, 1963, 5p
Order from FASEB in Federation Proceedings, 1963,
v. 22, no. 5, pt. 2, \$2.00

Trans. of #Fiziologicheskii Zhurnal SSSR, 1962, v. 48,
no. 7, p. 823ff. (Abstract available)

DESCRIPTORS: *Bioelectronics, *Cerebellum, *Neuro-
muscular transmission, Nerves, *Motor reactions,
Brain, Stimulation

The experiments have shown that the cutaneous and
muscle afferent systems to a varying extent (according
to the width of the projection field) are represented in
the cerebellar cortex of Nembutalized and decerebrate
cats. Moreover, a difference was detected in the inter-
action of the afferent impulses. In animals under deep
(Biological Sciences, TT, v. 11, no. 1) (over)

TT-63-17073-5
(p. T982-T986)

I. Panardzhyan, V. V.
II. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

Office of Technical Services

63-19013

Marits, A. M.

THE EFFECT OF HUNGER AND SATIATION ON THE
ELECTRICAL ACTIVITY OF THE RETICULAR FOR-
MATION AND CEREBRAL CORTEX. [1962] [10]p.
14 refs. FASEB manuscript no. S 247-2.

Order from OTS or SLA \$1.10 63-19013

Trans. of Fizziologicheski Zhurnal SSSR, 1962, v. 49,
no. 8, p. 839-892.

DESCRIPTORS: *Appetite, *Starvation, *Bioelectronics,
*Brain, *Cerebral cortex, Conditioned reflex, Adapta-
tion (Physiology)

The electrical activity of the reticular formation and
cerebral cortex of starving animals differs appreciably
from the activity taking place after satiation. The elec-
trical activity of the reticular formation and cortex dur-
ing relative starvation (for 24 hours) is inconstant. De-
pending on the state of the brain function, a sound
(Biological Sciences--Physiology, TT, v. 9, no. 10)(over)

- I. Marits, A. M.
- II. FASEB S-247-2
- III. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- IV. Script Technica, Inc.,
Washington, D. C.

Office of Technical Services

<p>Vedyayev, F. P. THE ROLE OF FUNCTIONAL-STATE PARAMETERS IN THE PRODUCTION OF REACTIONS OF SUB- CORTICAL ORIGIN. [1962] [20]p. 22 refs. FASEB manuscript no. S 264-2. Order from OTS or SLA \$1.60 63-19017 Trans. of <u>#Fiziologicheskii Zhurnal SSSR</u>, 1962, v. 48, no. 8, p. 942-952.</p> <p>DESCRIPTORS: Reaction (Psychology), *Cerebral cortex, *Brain, *Nervous systems, Nerves, Autonomic nervous system, *Reflexes, Stimulation, Electrodes, Test methods, *Neuromuscular transmission, Adaptation (Physiology), *Motor reactions.</p> <p>When various subcortical structures are stimulated, three types of reactions are seen: conducting-fiber reactions, highly complex unconditioned reactions, and (Biological Sciences--Physiology, TT, v. 9, no. 12) (over)</p>	<p>63-19017</p> <p>I. Vedyayev, F. P. II. FASEB S-264-2 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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Ul'yanov, M. I. THE NERVOUS REGULATION OF THE BLOOD SYSTEM. [1962] [17]p. 12 refs. FASEB manuscript no. S 250-2. Order from OTS or SLA \$1.60 Trans. of #Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 8, p. 976-982.		63-19014
I. Ul'yanov, M. I. II. FASEB S-250-2 III. Federation of American Societies for Experimental Biology, Washington, D.C. IV. Scripta Technica, Inc., Washington, D. C.		
DESCRIPTORS: *Nervous system, *Cerebral cortex, Blood, *Blood cells, Adaptation (physiology), *Hemopoietic system, Erythrocytes, Leucocytes, Bone marrow, *Conditioned reflex, Reflexes, Reticuloendothelial system. Convincing evidence was obtained which indicates that the motor-defensive reaction in dogs is accompanied by changes in the composition of the leukocytes and erythrocytes of the peripheral blood. The speed with which these changes develop their short duration and (Biological Sciences--Physiology, TT, v. 9, no. 10) (over)		
Office of Technical Services		

A Method for Investigating the Physiology of Absorption and Movement in the Small Intestine of Birds, by V. V. Li and A. Ch. Li, 9 p.
RUSSIAN, per, Fiziologicheskiy Zhurnal SSSR,
Vol XLVIII, No 8, 1962, pp 997-999.

NLL RTS-3153

Sci-B&M Jun 66
Jh

303,650

Batuev, A. S. THE EFFECT OF CHLORPROMAZINE ON THE REFLECTION OF LIGHT AND SOUND STIMULI IN THE EEG OF THE FRONTAL CORTEX IN THE RABBIT. [1963] [14p. 29 refs. FASEB manuscript no. S 273-2. Order from OTS or SLA \$1.60 63-19391 Trans. of <u>Fiziologicheski Zhurnal SSSR</u> , 1962, v. 48, no. 9, p. 1010-1016.	63-19391 I. Batuev, A. S. II. FASEB S-273-2 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C. DESCRIPTORS: *Chlorpromazine, Reflection, *Light, *Sound, Electroencephalography, *Cerebral cortex, Rabbits, Brain, Stimulation. Injection of chlorpromazine into a rabbit in a dose of 3-5 mg/kg leads to suppression of the changes in the EEG of the frontal region of the cortex in response to a sound stimulus, while preserving those in response (Biological Sciences--Pharmacology, TT, v. 10, no. 5) (over)
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<p>Sheveleva, V. S. EVOLUTION OF THE FUNCTION OF SYMPATHETIC GANGLIA IN ONTOGENESIS, [1963] [24]p. 26 refs. FASEB manuscript no. S 277-2. Order from OTS or SLA \$2.00 63-19392 Trans. of <i>Fiziolicheskii Zhurnal SSSR</i>, 1962, v. 48, no. 9, p. 1031-1063.</p> <p>DESCRIPTORS: *Evolution, *Autonomic nervous system, *Ganglia, Rabbits, Growth, Bioelectronics, Brain, Spinal cord, Cells (Biology), Biochemistry, Acetylcholines.</p> <p>An investigation was conducted on the character of the "spontaneous" and reflex electrical activity of the sympathetic ganglia during ontogenesis, with emphasis on the details of the interneuronal trans- mission of excitation in their synapses. The changes (Biological Sciences--Physiology, TT, v. 10, no. 5) (over)</p>	<p>63-19392</p> <p>I. Title: Ontogenesis I. Sheveleva, V. S. II. FASEB S-277-2 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.</p> <p>Office of Technical Services</p>
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Pudel'-Osipova, S. I.
AGE CHANGES IN THE EXCITABILITY AND FUNCTIONAL MOBILITY OF THE NEUROMUSCULAR APPARATUS OF WARM-BLOODED ANIMALS. [1963] [14]p. 18 refs. FASEB manuscript no. S 280-2. Order from OTS or SLA \$1.60 63-19393

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 9, p. 1099-1104.

DESCRIPTORS: *Aging (Physiology), Excitation, *Neuromuscular transmission, Physiology, *Animals, Stimulation.

63-19393

- I. Pudel'-Osipova, S. I.
- II. FASEB S-280-2
- III. Federation of American Societies for Experimental Biology, Washington, D.C.
- IV. Scripta Technica, Inc., Washington, D. C.

(Biological Sciences--Physiology, TT, v. 10, no. 5)

Office of Technical Services

Yakovlev, N. N., Kaledin, S. V. and others.
A PHYSIOLOGICAL AND CHEMICAL ANALYSIS OF
ADAPTATION TO SHORT PERIODS OF INTENSIVE
MUSCULAR ACTIVITY IN ADOLESCENTS. [1963]
[17]p. 22 refs. FASEB manuscript no. S 281-2.
Order from OTS or SLA \$1.60 63-19394

Trans. of Fiziologicheskiy Zhurnal SSSR, 1962, v. 48,
no. 9, p. 1105-1112.

DESCRIPTORS: Chemical analysis, *Muscles, *Adapta-
tion (Physiology), *Exercise, Training, *Glycoysis,
Energy.

High-speed exercises, carried out in the absence of a
stable state, are responsible not only for greater
physiological and chemical changes in the body, but
also for the more rapid restitution than is found after
the same exercises in a stable state. During intensive
(Biological Sciences--Biochemistry, TT, v. 10, no. 5)
(over)

63-19394

- I. Yakovlev, N. N.
- II. Kaledin, S. V.
- III. FASEB S-281-2
- IV. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.
- V. Scripta Technica, Inc.,
Washington, D. C.

Office of Technical Services

Effect of Compensation of Excessive Intrapulmonary Pressure on Oxygen Intensity in Brain Tissues During Ascents to Higher Altitudes,
by Ye. A. Kovalenko, F. V. Babchinetskiy, 9 pp.

RUSSIAN, pos, Fiziologicheskiy Zhur SSSR,
Vol XLVIII, No 10, 1962, 9667811

FID-TP-62-1593

Sci-Med
Mar 63

223668

On the Mechanism of Increasing the Resistance
of Rats to Deep Hypoxic-Hypercapnic Hypothermia
Under the Influence of Preliminary Training,
11 pp.

RUSSIAN, per, Fiziologicheskiy Zhur SSSR,
Vol XLVIII, No 10, 1962, №. 9667811

FID-TT-62-1593

Sci-Med
Mar 63

223 669

Gershuni, G. V. and Zaboeva, N. V.
EVALUATION OF FUNCTIONAL SIGNIFICANCE OF
AUDITORY SYSTEM RESPONSES TO EXPONENTIALLY
INCREASING WIDE-BAND NOISES AND
TONES. Mar/Apr 64, 5p 4refs
Order from FASEB \$2.00 in Federation Proceeding
Translation Supplement, 1964, v. 23, no. 2 (p. T275-T279)

Trans. of Fiziologicheskii Zhurnal SSSR, 1962,
v. 48, no. 10, p. 1178ff.

DESCRIPTORS: *Hearing, Reaction (Psychology),
Broadband, Noise, *Sensory mechanisms, Sound,
*Audiometry, *Thresholds (Physiology)

(Biological Sciences--Physiology, TT, v. 11, no. 10)

TT-64-12541-2 (p. T275-T279)

- I. Gershuni, G. V.
- II. Zaboeva, N. V.
- III. Federation of American Societies for Experimental Biology, Washington, D. C.

Office of Technical Services

Variations of Blood Sugar and Lactic Acid
Levels in Athletes Performing Standard Tasks
with the Establishment of Good Form,
by N. N. Yakovlev, A. F. Krasnova.
RUSSIAN, per, Fix Zhur, Vol XLVIII, No 10,
1962, pp 1265-1269.
NLL RTS-2885

Sci - B/M
Jul 66

302,407

Kostyuk, P. G.
FUNCTIONAL PRESYNAPTIC AND POSTSYNAPTIC
CHANGES DURING DEGENERATION OF CENTRAL
SYNAPSES. Nov/Dec 63, 6p 40refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, v. 22, no. 6, p. II,
p. T1101-T1106

Trans. of *Fiziologicheskii Zhurnal SSSR, 1962,
v. 48, no. 11, p. 1316ff.

DESCRIPTORS: *Nerve cells, *Atrophy, Brain,
Spinal cord, *Neuromuscular transmission,
Bioelectronics, *Motor reactions, Regeneration,
Nervous system.

TT-63-17973-6
(p. T1101-T1106)

- I. Kostyuk, P. G.
II. Federation of American
Societies for Experi-
mental Biology,
Washington, D. C.

(Biological Sciences--Physiology, TT, v. 11, no. 10)

Office of Technical Services

Kuznik, B. I.
EFFECT OF DISINTEGRATED HUMAN ERYTHROCYTES ON BLOOD COAGULATION. [1963] [30p]
26refs FASEB Manuscript no. S 6-3,
Order from OTS, SLA, or ETC \$2.60 TT-63-23847
Trans. of #Fiziologicheskii Zhurnal SSSR, 1962,
v. 48, no. 11, p. 1382-1391. (Abstract available)

DESCRIPTORS: *Erythrocytes, *Blood coagulation,
Prothrombin, Fibrinogen.

Disintegrated erythrocytes markedly increase the degree of thrombotest and accelerate coagulation time and recalcification time. This influence does not arise from the activating effect of hemolysates on the blood platelets because it is also manifested in plasma with a low thrombocyte content. Erythrocytes contain thromboplastic, antithromboplastic, antiheparin, and (Biological Sciences--Physiology, TT, v. 11, no. 5)
(over)

TT-63-23847

- I. Kuznik, B. I.
- II. FASEB S-6-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

Karostovtseva, N. V.

THE ACCLIMATIZATION PROGRAM AND SOME INDICES OF ACCLIMATIZATION OF RATS TO DEEP ANOXIC-HYPERCAPNIC HYPOTHERMIA. [1963] [11p. 2 refs. FASEB manuscript no. S 29-3. Order from OTS or SLA \$1.60 63-23057

Trans. of Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 12, p. 1466-1471.

DESCRIPTORS: *Acclimatization, Adaptation (Physiology), Rats, *Hypoxia, *Hypothermia, Ecology, *Hypercapnia, Oxygen consumption, Tolerances (Physiology).

The choice of an acclimatization program for rats to deep anoxic-hypercapnic hypothermia is made difficult by the considerable individual variations in metabolism; the best results are obtained by three periods of (Biological Sciences--Physiology, TT, v. 10, no. 7) (over)

63-23057

- I. Karostovtseva, N. V.
- II. FASEB S-29-3
- III. Federation of American Societies for Experimental Biology, Washington, D. C.
- IV. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

	TT-63-23878
Novikova, A. I. AGE CHANGES IN THE MEMBRANE POTENTIAL OF THE STRIPED MUSCLE FIBERS. [1963] [7p] 10refs FASEB Manuscript no. S 33-3. Order from OTS, SLA, or ETC \$1.60 TT-63-23878 Trans. of #Fiziologicheskii Zhurnal SSSR, 1962, v. 48, no. 12, p. 1504-1507. (Abstract available)	I. Novikova, A. I. II. FASEB S-33-3 III. Federation of American Societies for Experimental Biology, Washington, D. C. IV. Scripta Technica, Inc., Washington, D. C.
DESCRIPTORS: *Aging (Physiology), *Muscles, Musculoskeletal system, *Membranes (Biology), Biocurrents.	
In the early postnatal period the MP value is low (average 23.7 mV in newborn animals) and it reaches the typical adult level at the age of 1 month. During all subsequent periods of ontogenesis (3 months, 2 years), the MP remains unchanged. (Author)	
(Biological Sciences--Physiology, TT, v. 11, no. 5)	Office of Technical Services

Liang, Chu-an, Kachuro, I. I., and Zaboeva, N. V.
METHODS OF PHYSIOLOGICAL RESEARCH: MULTIPLE ELECTRODE IMPLANTATION FOR RECORDING ELECTRICAL POTENTIALS FROM DIFFERENT POINTS OF THE AUDITORY ZONE OF THE CAT'S CORTEX IN EXPERIMENTS OF LONG DURATION. [1963] [9p] 11refs FASEB Manuscript no. S 34-3. Order from OTS, SLA or ETC \$1.10 TT-63-23879

Trans. of *Fiziologicheski Zhurnal SSSR, 1962, v. 48, no. 12, p. 1517-1521.

DESCRIPTORS: Bioelectronics, Cerebrum, *Cerebral cortex, Electric potential, Electroencephalography, Hearing.

(Biological Sciences--Physiology, TT, v. 11, no. 3)

TT-63-23879

- I. Liang, Chu-an
- II. Kachuro, I. I.
- III. Zaboeva, N. V.
- IV. FASEB S-34-3
- V. Federation of American Societies for Experimental Biology, Washington, D. C.
- VI. Scripta Technica, Inc., Washington, D. C.

Office of Technical Services

SCIENTIFIC CONVENTIONS AND CONFERENCES
FOURTEENTH OF PHYSIOLOGISTS OF SOUTHERN
RSFSR, BY YE. K. AGANYANTS AND. V. M.
POKROVSKIY, 6 PP.

RUSSIAN, PER, FIZIOLOGICHESKIY ZHURNAL SSSR
IMENI I. M. SECHENOVA, VOL & XLVIII, NO 12,
1962, PP 1,523-1,525.

JPRS 173⁸⁵

SCI - MED

JAN 63

221,001

<p>Korneva, E. A. and Khai, L. M. EFFECT OF DESTRUCTION OF HYPOTHALAMIC AREAS ON IMMUNOGENESIS. Jan/Feb 64, 5p 38refs Order from FASEB \$2.00 <u>in</u> Federation Proceedings Translation Supplement, 1964, v. 23, no. 1 (p. T88-T92)</p> <p>Trans. of <u>Fiziologicheskii Zhurnal SSSR</u>, 1963, v. 49, no. 1, p. 42H.</p> <p>DESCRIPTORS: *Thalamus, Immunity, *Antigens and antibodies, Brain.</p> <p>(Biological Sciences--Physiology, TT, v. 11, no. 10)</p>	<p>TI-64-12541-1 (p. T88-T92)</p> <p>I. Korneva, E. A. II. Khai, L. M. III. Federation of American Societies for Experi- mental Biology, Washington, D. C.</p> <p>Office of Technical Services</p>
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Unconditional Secretion of the Parotid Gland
of the Macacus Rhesus Monkey, by
O. V. Malinovskiy,
RUSSIAN, per, Fiziol. Zhurnal, Vol XXXIX,
No 1, 1963, pp 47-51.
*FTD-HIT-23-529-67

Sci-06A
Mar 67

Sviderskii, V. L.
NERVOUS REGULATION OF INSECT WING FUNCTION. Mar/Apr 64, 5p 11refs
Order from FASEB \$2.00 in Federation Proceedings
Translation Supplement, 1964, v. 23, no. 2 (p. T213-T217)

Trans. of Fiziologicheski Zhurnal SSSR, 1963,
v. 49 [no. 1] p. 66ff.

DESCRIPTORS: Nerves, *Autonomic nervous system,
*Insects, Wings, Muscles, Flight, Motion, Control
systems

TT-64-12541-2 (p. T213-T217)

I. Sviderskii, V. L.
II. Federation of American
Societies for Experimental
Biology, Washington, D. C.

(Biological Sciences--Zoology, TT, v. 11, no. 10)

Office of Technical Services

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DESCRIPTORS: *Electric potential, *Cerebral cortex,
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DESCRIPTORS: *Amphibians, *Bioelectronics, Vision,
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